ENTHERMICS
Medical Systems

Blanket Warming Cabinet

EC1540

120V

SHOWN WITH OPTIONAL FULL-PERIMETER RUBBER BUMPER ASSEMBLY

OPERATION AND CARE MANUAL

WarmRight®

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HALO HEAT®

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OCM/EC1540 11/06

BLANKET WARMING CABINET

TRANSPORT AND STORAGE

Transport and Storage Environmental Conditions (not to exceed 15 days)

- Ambient temperature range of -40 to +159°F (-40° to +70°C)
- Relative humidity range of 10% to 100%, including condensation
- Atmospheric pressure range of 50KPa to 106KPa

UNPACKING and SET-UP

DELIVERY

The Enthermics Medical Systems Blanket Warming Cabinet has been thoroughly tested and inspected to insure only the highest quality unit is provided. Upon receipt, check for any possible shipping damage and report it at once to the delivering carrier. ***See Transportation Damage and Claims section located in this manual.***

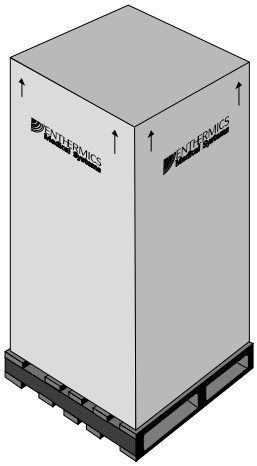
This appliance, complete with unattached items and accessories, may have been delivered in one or more packages. Check to ensure that all standard items and options have been received with each model as ordered.

Save all the information and instructions packed with the appliance. Complete and return the warranty card to the factory as soon as possible to assure prompt service in the event of a warranty parts and labor claim.

This manual must be read and understood by all people using or installing the equipment model. Contact the Enthermics service department if you have any questions concerning installation, operation, or maintenance.

NOTE: All claims for warranty must include the full model number and serial number of the unit.

UNPACKING



1. Carefully remove the appliance from the carton or crate.

   NOTE: Do not discard the carton and other packaging material until you have inspected the unit for hidden damage and tested it for proper operation.

2. Read all instructions in this manual carefully before initiating the installation of this appliance.

   DO NOT DISCARD THIS MANUAL.
   This manual is considered to be part of the appliance and is to be provided to the owner or manager of the business or to the person responsible for training operators. ***Additional manuals are available from the Enthermics service department.***

3. Remove all protective plastic film, packaging materials, and accessories from the appliance before connecting electrical power.

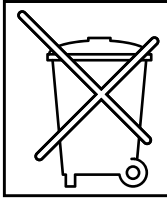
SAFETY PROCEDURES AND PRECAUTIONS

Knowledge of proper procedures is essential to the safe operation of electrically and/or gas energized equipment. In accordance with generally accepted product safety labeling guidelines for potential hazards, the following signal words and symbols may be used throughout this manual.

⚠ DANGER	Used to indicate the presence of a hazard that **will** cause severe personal injury, death, or substantial property damage if the warning included with this symbol is ignored.
⚠ WARNING	Used to indicate the presence of a hazard that **can** cause personal injury, possible death, or major property damage if the warning included with this symbol is ignored.
⚠ CAUTION	Used to indicate the presence of a hazard that can or will cause minor or moderate personal injury or property damage if the warning included with this symbol is ignored.
CAUTION	Used to indicate the presence of a hazard that can or will cause minor personal injury, property damage, or a potential unsafe practice if the warning included with this symbol is ignored.
NOTE:	Used to notify personnel of installation, operation, or maintenance information that is important but not hazard related.

1. Enthermics blanket warmers are intended for warming cotton blankets ONLY. No other use for this device is authorized or recommended.
2. This device is intended for use in commercial establishments where all operators are familiar with the purpose, limitations, and associated hazards of this device. Operating instructions and warnings must be read and understood by all operators and users.
3. Any troubleshooting guides, component views, and parts lists included in this manual are for general reference only and are intended for use by qualified technical personnel.
4. This manual should be considered a permanent part of this device. This manual and all supplied instructions, diagrams, schematics, parts lists, notices, and labels must remain with the device if the item is sold or moved to another location.

NOTE



For equipment delivered for use in any location regulated by the following directive:

DO NOT DISPOSE OF ELECTRICAL OR ELECTRONIC EQUIPMENT WITH OTHER MUNICIPAL WASTE.

PREPARATION

Before operating the cabinet, clean both the interior and exterior of the unit with a damp cloth and mild soap solution. Wipe with an appropriate disinfectant. Clean and install the cabinet basket assembly.

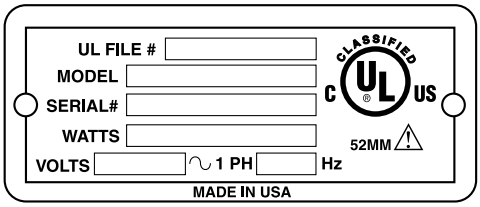
ELECTRICAL INFORMATION

The power specifications are located on the unit identification nameplate. This nameplate is permanently attached to the unit and must be located to verify power requirements.

POWER REQUIREMENTS - EC1540

120 V.A.C. — 50/60 Hz, 1 ph
2000 Watts, 16.0 Amps
Safety Class I Equipment

NEMA 5-20P
20A - 125V Plug
Hospital Grade



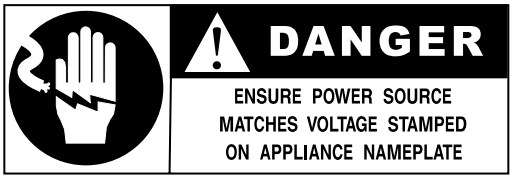
Grounding reliability can only be achieved when equipment is connected to an equivalent receptacle marked "Hospital Grade."

Protective Earth Ground Symbol

Medical Equipment classified by Underwriters Laboratories with Respect to Electrical Shock, Fire and Mechanical Hazards only, in Accordance with UL 2601-1 and CAN/CSA C22.2 No. 601.1.

UL File No. E201645

Hazardous Voltage Present



DANGER
AT NO TIME SHOULD THE INTERIOR OR EXTERIOR BE STEAM CLEANED, HOSED DOWN, OR FLOODED WITH WATER OR LIQUID SOLUTION OF ANY KIND. DO NOT USE WATER JET TO CLEAN.
SEVERE DAMAGE OR ELECTRICAL HAZARD COULD RESULT.
WARRANTY BECOMES VOID IF APPLIANCE IS FLOODED.

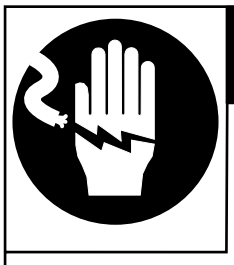
This warming cabinet is designed to elevate blanket temperatures to a level which will increase patient comfort.

The dual-chambered warming cabinet is constructed with 20 gauge stainless steel exterior casing and door with handle and hinges designed to withstand heavy usage. Doors with windows allow observation of inventory with the doors closed. The cabinet is warmed using the patented Halo Heat® low-heat-density electrothermal cable array. The electrothermal cable is positioned in the floor and two sides of the warming cabinet, providing even heating of the interior chamber. The interior chamber temperature is regulated by an electronic control. The design and operational characteristics of the cabinet eliminate the need for a heat circulating fan.

Each chamber has its own electronic control consisting of a 4 digit L.E.D. display, ON/OFF key, INCREASE and DECREASE keys, TIMER key, integrated LOCK feature and a series of prompt sequence indicators. Each electronic control has an adjustable temperature range of 90° to 200°F (32° to 94°C). A warming shut-off system, separate from the electronic control, prevents overheating.

The TIMER key allows the user to program the control to automatically turn on and turn off once during a 24 hour period at selected times. The electronic control can easily be set to operate in Fahrenheit or Celsius. After a power failure, the cabinet will remember its programming and begin to operate as before. The ON/OFF indicator will blink to indicate a failure occurred; pressing the ON/OFF key once will eliminate this blinking.

Each chamber is equipped with one (1) white, epoxy-coated blanket support assembly and one (1) center shelf**.** The cabinet is furnished with one (1) set of 5" (127mm) heavy duty casters, two with locking brake.



DANGER

AT NO TIME SHOULD THE INTERIOR OR EXTERIOR BE STEAM CLEANED, HOSED DOWN, OR FLOODED WITH WATER OR LIQUID SOLUTION OF ANY KIND. DO NOT USE WATER JET TO CLEAN.

SEVERE DAMAGE OR ELECTRICAL HAZARD COULD RESULT.

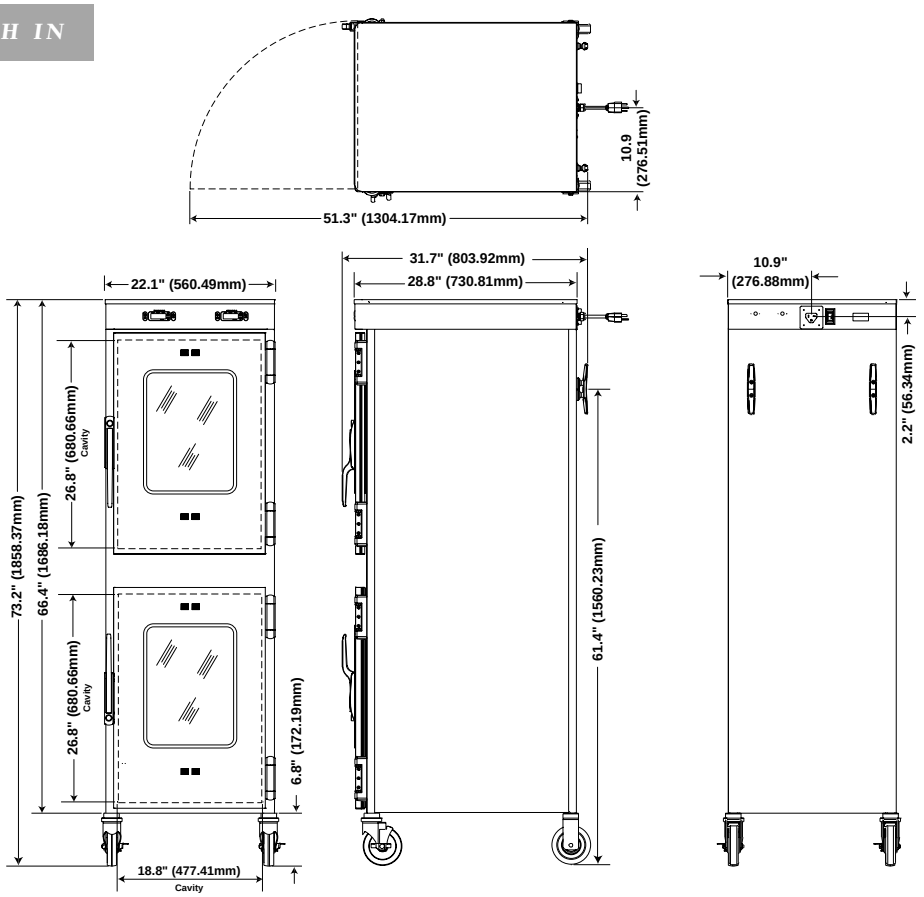
WARRANTY BECOMES VOID IF APPLIANCE IS FLOODED.

DANGER

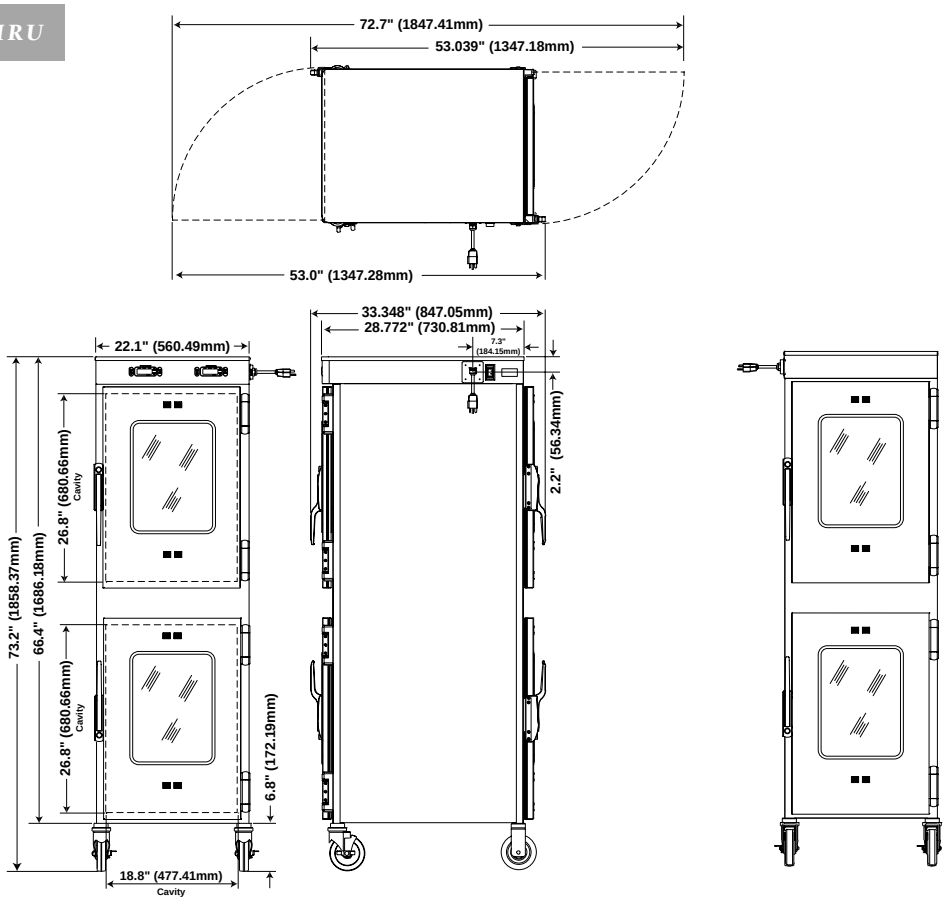
DO NOT use this warming cabinet in the presence of a flammable anethestic mixture (with air or with oxygen or nitrous oxide). THIS COULD RISK AN EXPLOSION!

DIMENSIONS

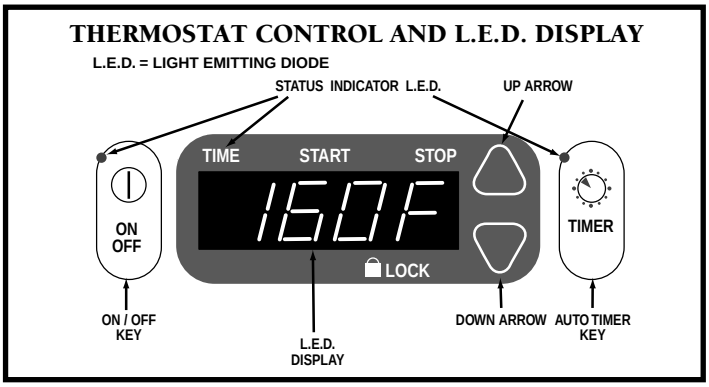
EC1540 REACH IN



EC1540 PASS THRU



THERMOSTAT CONTROL AND L.E.D. DISPLAY



CONTROL PANEL KEYS

ON/OFF KEY

Press and release the on/off key to activate the blanket compartement control (lower chamber). The unit will beep and the status indicator, located at the top left of the ON/OFF key, will illuminate when the warmer is on. To turn the control off, press and hold the ON/OFF key for 3 seconds. The unit will beep and the status indicator will extinguish.

UP ARROW / DOWN ARROW KEYS

These keys are used to increase or decrease the temperature set-point as desired. They are also used to set the current time of day and to select a desired start time and stop time when adjusting the Auto Timer.

TIMER KEY

This 24-hour timer feature is a three-step process that provides automatic shut-down for energy savings in off-hours and preset start-up so blankets are warm before needed. The L.E.D. display shows a 24-hour clock; i.e. 1:00 p.m. will display as 13:00.

L.E.D. DIGITAL DISPLAY

The control has a four-digit L.E.D. display. When the control is activated, the display will show current temperature set-point. When programming the Auto Timer, the display will show hour and minutes.

L.E.D. DISPLAY STATUS INDICATORS

TIME

Illuminates while current time of day is displayed when programming the TIMER mode.

START

Illuminates while the start time is displayed when programming the TIMER mode.

STOP

Illuminates while the stop time is displayed when programming the TIMER mode.

LOCK

Illuminates when the lock feature is engaged.

POWER FAIL DETECT

If the power were to fail for any reason while heating, the warmer will retain, in memory, its current operating state. When the power is restored, the control will resume operating, but several things will alert the operator that such an event has occurred:

A. The ON/OFF status indicator will be flashing.

B. Display will indicate '128' (or another number) alternating with the setting. **Please see important note below if a number other than '128' is displayed.**

C. Control will "beep" every third flash of the number displayed.

Press the ON/OFF key once to acknowledge that the power has been restored. The ON/OFF status indicator will stop flashing and the "beep" will be silenced. The display will indicate the approximate time period of the outage, then return to the normal display and previously set mode.

Note: **The display of '128' is a normal Power-On Reset for the control. Any other number displayed may indicate a problem. Make note of the number, and if the unit fails to operate properly, provide that number to service to assist them in troubleshooting the problem.**

Note: Programming is done with power circuit breaker switch at the back of the appliance "ON", but ON/OFF Key on the control panel "OFF".

FAHRENHEIT OR CELSIUS SELECTION

While the controller is in the off mode, *press and hold* the UP ARROW key until you hear a beep (approximately 5 seconds). The warmer will switch between Fahrenheit or Celsius.

BEEPER ON OR OFF

While the controller is in the off mode, *press and hold* the DOWN ARROW key. "OFF" will not beep.

SETTING CURRENT TIME OF DAY

Setting the current time of day must be done first to ensure proper operation of timer function. To set the current time of day, the control must be in the off mode, with the ON/OFF status indicator extinguished. *Press and hold* the TIMER key to illuminate various indicators. Release. Repeat the process until the Time status indicator is illuminated. The display will show the currently set time of day. Continue to hold the TIMER key, and use the UP or DOWN arrow keys to synchronize with the current time of day. Note: The L.E.D. display shows a 24-hour clock; i.e. 1:00 p.m. will display as 13:00.

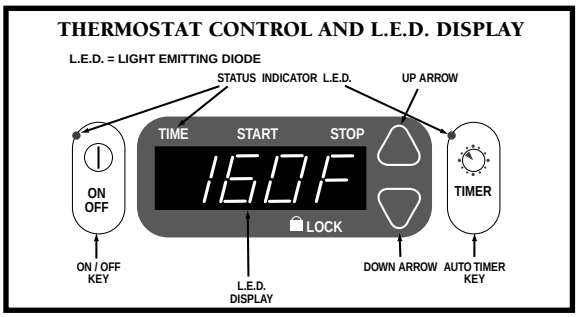
CONTROL FEATURES

AUTOMATIC 24-HOUR TIMER PROGRAMMING

With the control off, *press and hold* the TIMER key to illuminate various indicators. Release. Repeat the process until the Start status indicator is illuminated. *Continue to hold* the TIMER key and set desired start time by using the UP or DOWN arrow keys. Release the TIMER key. Press and hold the TIMER key again. The STOP status indicator will illuminate. Set the desired stop time by using the UP or DOWN arrow keys. Release the TIMER key. The TIMER key status indicator will illuminate. The auto timer mode is programmed. To change any of these settings, use the TIMER key and the UP or DOWN arrow keys.
Note: Each press of the TIMER key will display one of the settings: start time, stop time, or current time of day; each of which can be adjusted using the UP or DOWN arrow keys. The compartment will start heating at the set start time with the ON/OFF status indicator L.E.D. illuminated. At the preset stop time the unit will discontinue heating.If none of the parameters are changed, the unit will start and stop heating at the same times the next day. The TIMER status indicator is illuminated, if the control is in the auto timer mode. To turn off the timer, *press and hold* the TIMER key until the TIMER key status indicator is extinguished.

CONTROL LOCK PROGRAMMING

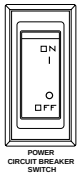
The warmer control can be locked so that no changes can be made to the temperature set-point or the mode selection. *Press and hold* the ON/OFF key and the UP arrow key at the same time. The unit will beep and the LOCK indicator will illuminate. Attempts to operate the ON/OFF key, or to change the temperature set-point will be unsuccessful. To unlock the warmer control, *press and hold* the ON/OFF key and the DOWN arrow button at the same time. The unit will beep, the control will unlock, and the LOCK indicator will extinguish.



OPERATIONAL PROCEDURES

1. **The appliance should be plugged into a hospital grade, NEMA 5-20P receptacle.**

2. **Turn on the power circuit breaker switch, which is located at the back of the appliance. It is a rocker-type switch with international ON (I) and OFF (O) markings.**



3. **ACTIVATE CONTROL BY PRESSING THE ON/OFF KEY ON CONTROL PANEL ONCE.**
   The ON/OFF indicator will illuminate and remain lit until pressed again. The digital L.E.D. display will indicate last temperature set-point.

4. **SET DESIRED TEMPERATURE.**
   To reset the warming temperature, *press and hold* the UP or DOWN ARROW keys to change the value shownin the display. The temperature set-point range is 90° to 200°F (32° to 94°C).

5. **LOAD CABINET WITH BLANKETS.**
   Check that the epoxy-coated blanket support assembly is in place. A full load of blankets will take 2-3 hours to reach optimum temperatures. Make certain the cabinet door is securely closed after initial loading and following each removal.
   Note: **Do not block sensor by overloading cabinet with blankets.**

PROTECTING STAINLESS STEEL SURFACES

It is important to guard against corrosion in the care of stainless steel surfaces. Harsh, corrosive, or inappropriate chemicals can completely destroy the protective surface layer of stainless steel. Abrasive pads, steel wool, or metal implements will abrade surfaces causing damage to this protective coating and will eventually result in areas of corrosion. Even water, particularly hard water that contains high to moderate concentrations of chloride, will cause oxidation and pitting that result in rust and corrosion. In addition, many acidic spills left to remain on metal surfaces are contributing factors that will corrode surfaces.

Proper cleaning agents, materials, and methods are vital to maintaining the appearance and life of this appliance. Spilled items should be removed and the area wiped as soon as possible but at the very least, a minimum of once a day. Always thoroughly rinse surfaces after using a cleaning agent and wipe standing water as quickly as possible after rinsing.

CLEANING AGENTS

Use non-abrasive cleaning products designed for use on stainless steel surfaces. Cleaning agents must be chloride-free compounds and must not contain quaternary salts. Never use hydrochloric acid (muriatic acid) on stainless steel surfaces. Always use the proper cleaning agent at the manufacturer's recommended strength. Contact your local cleaning supplier for product recommendations.

CLEANING MATERIALS

The cleaning function can usually be accomplished with the proper cleaning agent and a soft, clean cloth. When more aggressive methods must be employed, use a non-abrasive scouring pad on difficult areas and make certain to scrub with the visible grain of surface metal to avoid surface scratches. Never use wire brushes, metal scouring pads, or scrapers to remove residue.

CAUTION

TO PROTECT STAINLESS STEEL SURFACES, COMPLETELY AVOID THE USE OF ABRASIVE CLEANING COMPOUNDS, CHLORIDE BASED CLEANERS, OR CLEANERS CONTAINING QUATERNARY SALTS. NEVER USE HYDROCHLORIC ACID (MURIATIC ACID) ON STAINLESS STEEL. NEVER USE WIRE BRUSHES, METAL SCOURING PADS OR SCRAPERS.

CARE AND CLEANING

The cleanliness and appearance of this equipment will contribute considerably to its operating efficiency. Make certain the cabinet and door gasket are kept free of any debris that may accumulate. Good equipment that is kept clean works better and lasts longer.

CLEAN THE UNIT REGULARLY:

1. Disconnect the cabinet from the power source.
2. Remove all detachable items such as blanket support assembly and shelf. Clean these items separately.

NOTE: Avoid the use of abrasive cleaning compounds, chloride based cleaners, or cleaners containing quaternary salts. Never use hydrochloric acid (muriatic acid) on stainless steel.

3. Clean the interior metal surfaces of the cabinet with a damp cloth and any mild commercial detergent. Avoid the use of abrasive cleaning compounds. Rinse surfaces by wiping with sponge & clean warm water. Remove excess water with sponge and wipe dry with a clean cloth or air dry. Leave doors open until interior is completely dry.
4. Interior can be wiped with a sanitizing solution after cleaning and rinsing. This solution must be approved for use on stainless steel surfaces. Replace blanket support assembly.
5. Clean the exterior of the cabinet with a cleaner recommended for stainless steel surfaces. Spray the cleaner on a clean cloth and wipe with the grain of the stainless steel.
6. Clean the window glass with a standard commercial glass cleaner.
7. Wipe control panel, door vents, door handles, and door gaskets thoroughly since these areas harbor debris.
8. Wipe door gaskets and control panel dry with a clean, soft cloth.
9. To help maintain the protective film coating on polished stainless steel, clean the exterior of the cabinet with a cleaner recommended for stainless steel surfaces. Spray the cleaning agent on a clean cloth and wipe with the grain of the stainless steel.

Always follow appropriate state or local health (hygiene) regulations regarding all applicable cleaning and sanitation requirements.

DANGER
AT NO TIME SHOULD THE INTERIOR OR
EXTERIOR BE STEAM CLEANED, HOSED
DOWN, OR FLOODED WITH WATER OR
LIQUID SOLUTION OF ANY KIND. DO NOT
USE WATER JET TO CLEAN.
SEVERE DAMAGE OR ELECTRICAL HAZARD
COULD RESULT.
WARRANTY BECOMES VOID IF APPLIANCE IS FLOODED.

(Listed as Ordinary Equipment.)

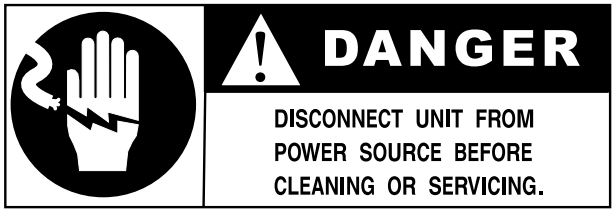
If your unit is not operating properly, check the following before calling your authorized service agent. Check the power applied to the unit. Plug in outlet? Power circuit breaker switch in rear of unit OK? Circuit breaker switch in your service panel OK?

Do not attempt to repair or service beyond this point. Contact manufacturer for nearest authorized service agent. Repairs made by any other service agent without prior authorization by manufacturer will void the warranty on the unit.

This chart is provided for the assistance of qualified technicians only and is not intended for use by untrained or unauthorized service personnel.

TROUBLE SHOOTING GUIDE

ERROR CODE	*DESCRIPTION*	*ACTION REQUIRED*
E-10	**Sensor Short**	• Detach the sensor from the terminal block. Use an Ohm meter to measure the resistance of the sensor. Check sensor at 32°F (0°C) using a container of ice water. If Ohm reading is 100, replace display. If Ohm reading is ± 100, replace sensor. • Check wires for integrity. Check for proper and secure connections at the thermostat and terminal block. If necessary, re-secure the faulty connections. • If error continues call Service.
E-11	**Sensor Open**	• Detach the sensor from the terminal block. Use an Ohm meter to measure the resistance of the sensor. Check sensor at 32°F (0°C) using a container of ice water. If Ohm reading is 100, replace display. If Ohm reading is ± 100, replace sensor. • Check wires for integrity. Check for proper and secure connections at the thermostat and terminal block. If necessary, re-secure the faulty connections. • If error continues call Service.
E-31	**Over Temp**	• Unit may be overloaded. Redistribute inventory. ***Do not exceed height of basket or blanket support assembly.*** • Check sensor at 32°F (0°C) using a container of ice water. The sensor reading should be 100ohm. • Control may be defective. • Relay (solid state) may be defective. • If error continues call Service.
E-32	**Hi-Limit Opened**	• Unit may be overloaded. Redistribute blanket inventory. ***Do not exceed height of basket or blanket support assembly.*** • Check sensor at 32°F (0°C) using a container of ice water. The sensor reading should be 100ohm. • Control may be defective. • Relay (solid state) may be defective. • Element Shorted • If error continues call Service.
E-60	**Depleted Electrical Charge**	• Unit has been unplugged for an extended period of time and the charge has weakened. Leave unit plugged in, make sure that power circuit breaker switch at the back of unit is turned on, and the control is off. Wait 15 minutes and then turn thermostat control on. In order for unit to be fully recharged, it should remain plugged in and power circuit breaker switch turned on for at least 24 hours.
E-80	**EEPROM Data**	• Call Service.
E-82	**CAL**	• Call Service.
E-84	**Unit ID**	• Call Service.



SERVICE PARTS LIST

EC1540 (120V)
BLANKET WARMING CABINET

09/06

DESCRIPTION	QTY	PART NO.
ELECTRICAL		
1. BEEPER, SOLID STATE	1	BP-3567
2. CIRCUIT BREAKER SWITCH	1	SW-33858
3. CONNECTOR, 4 PIN	2	CR-33763
4. CONNECTOR, 9 PIN	2	CR-33718
5. CONNECTOR, 10 PIN	2	CR-33717
6. CONNECTOR, 4 POS	2	CR-34065
7. CONNECTOR, 5 POS	2	CR-34066
8. CONTROL ASSEMBLY	2	5000381
9. CORDSET, HOSPITAL GRADE, 10ft (3m)	1	E3029CD
10. GROUND SCREW	1	SC-2190
11. POWER SUPPLY BOARD	1	BA-34041
12. RELAY, DPST, 25A, 12VDC COIL	2	E3038RL
13. SENSOR	2	SN-33541
14. STRAIN RELIEF BUSHING	1	BU-3243
15. TERMINAL BLOCK, 3 FORM COMPRESS	1	BK-3019
16. TERMINAL BLOCK, PORCELAIN	2	BK-33546
17. THERMOSTAT, HI-LIMIT	4	TT-34350

DESCRIPTION	QTY	PART NO.
MECHANICAL HARDWARE		
18. BLANKET SUPPORT ASSEMBLY	2	SH-25908
19. BLANKET SUPPORT ASSEMBLY, SHELF	2	SH-25911
20. CASTERS, 5" (127mm), RIGID	2	CS-24983
21. CASTERS, 5" (127mm), SWIVEL W/ BRAKE	2	CS-24984
22. CONTROL PANEL OVERLAY	1	E2157PE
23. DOOR GASKET ASSEMBLY	2*	GS--23794
24. DOOR HANDLE	2*	HD-24171
25. HINGE SET (1 SET OF 2 HINGES)	2*	HG-22338
26. INSULATION: 24" X 48" X 1/2" PIECE	2	IN-2003
27. WINDOW DOOR ASSEMBLY, RH	2*	5001253
*** QUANTITY OF 4 FOR PASS THRU UNIT**		
OPTIONS AND ACCESSORIES		
28. CYLINDER LOCK FOR DOOR HANDLE		LK-22567
29. FULL-PERIMETER RUBBER BUMPER ASSEMBLY		5001763
INCLUDES:		
BUMPER FRAME, ALUMINUM		BM-24990
FULL-PERIMETER RUBBER BUMPER		BM-24766
30. LEG KIT, 6" (152mm)		44093
31. WINDOW DOOR ASSEMBLY, LH		5001255

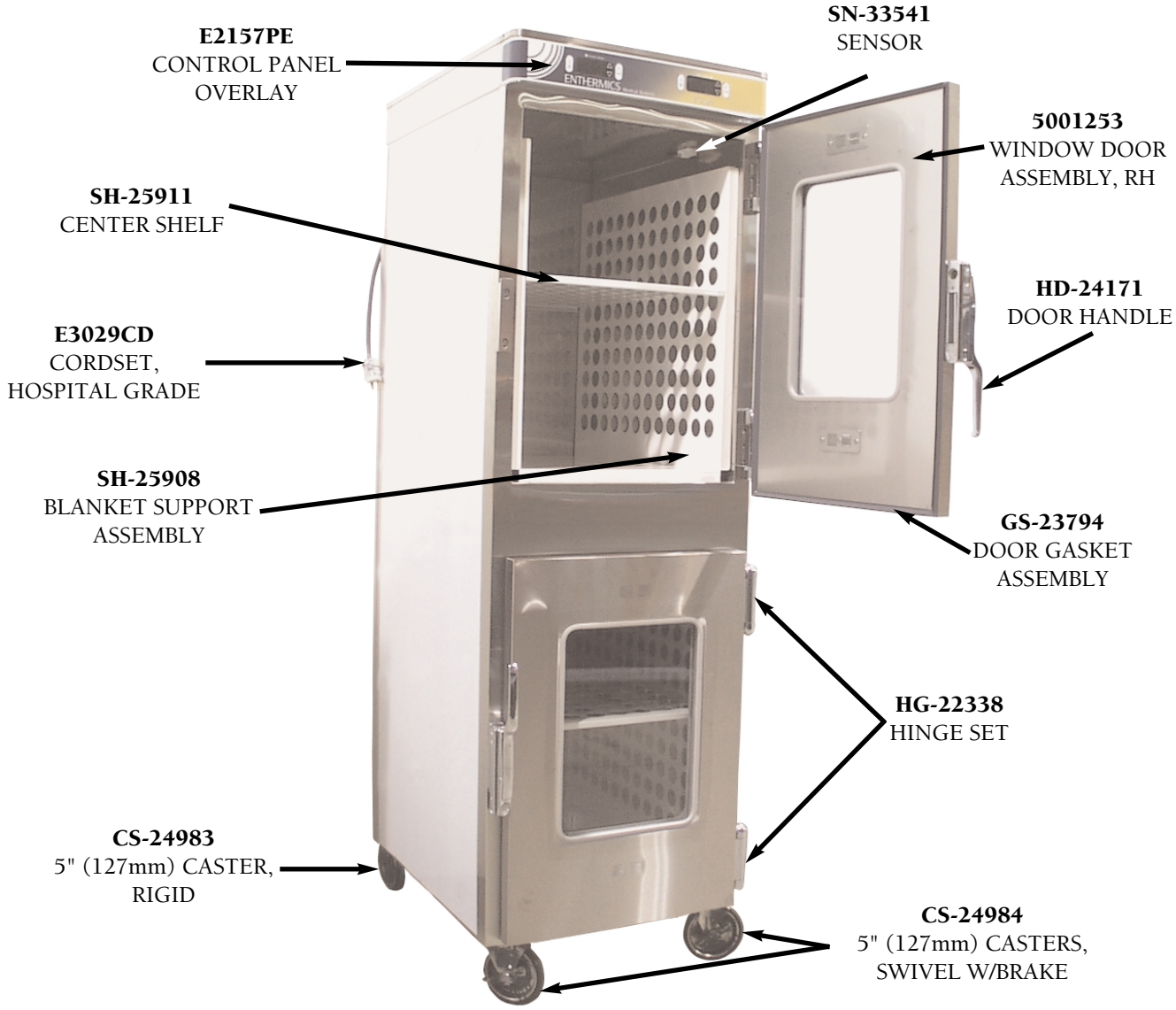
SERVICE VIEWS • PAGES 12 AND 13

Heating Cable Replacement Kit Number 4874 (1 kit per chamber)

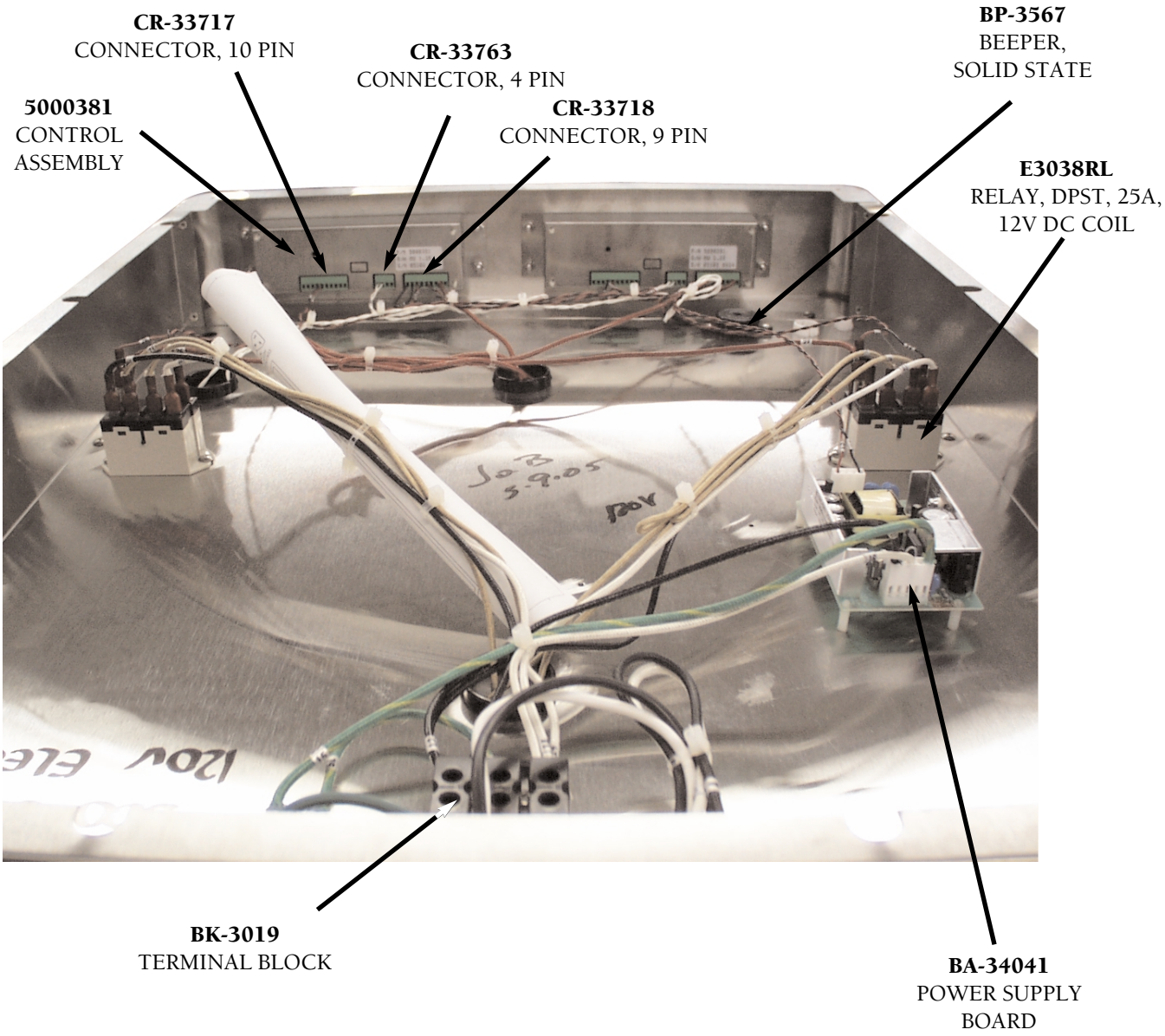
INCLUDES:

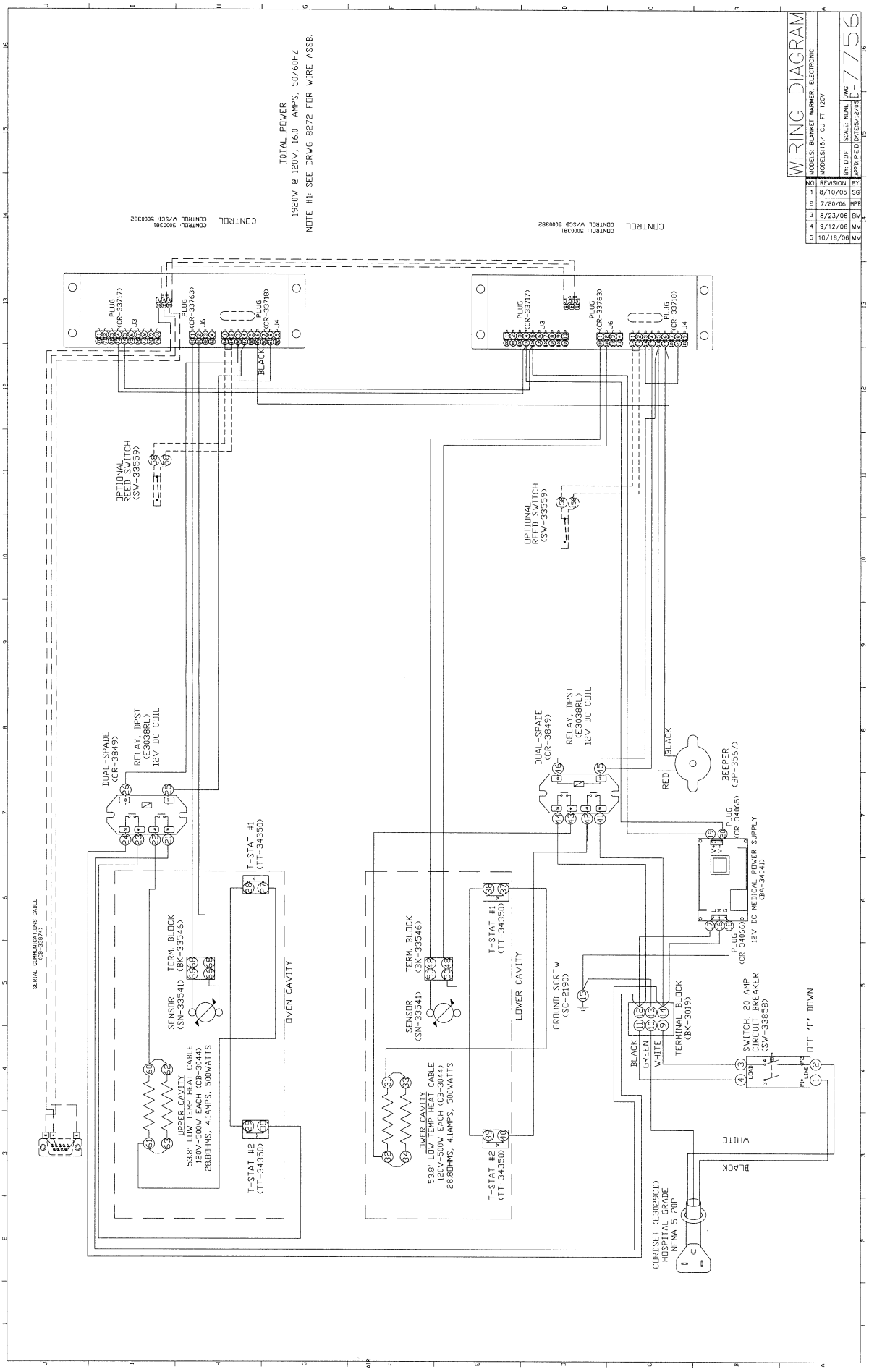
CB-3045	CABLE HEATING ELEMENT . . . . . 108 ft (33m)	IN-3488	INSULATION CORNER 8ft (2m)
BU-3106	CUP BUSHING 4	SL-3063	INSULATING SLEEVE 4
TA-3540	ELECTRICAL TAPE . . . . . 1 ROLL	CR-3226	RING CONNECTOR 4
NU-2215	HEX NUT 8	BU-3105	SHOULDER BUSHING 4
		ST-2439	STUD, 10-32 4

Service Views of EC1540



Service Views of EC1540




WIRING DIAGRAM
MODELS: BLANKET WARMER, ELECTRONIC
MODELS:15.4 CU FT 120V
SCALE: NONE
DWG NO: D-7756
DRN BY: DJDF
APPD BY: DATE: 5/12/05
NO | REVISION | BY
1 | 8/10/05 | SG
2 | 7/20/06 | WB
3 | 8/23/06 | BM
4 | 9/12/06 | MM
5 | 10/18/06 | MM
TOTAL POWER
1920W @ 120V, 16.0 AMPS, 50/60HZ
NOTE #1: SEE DRWG 8272 FOR WIRE ASSB.
CONTROL
CONTROL 5000381
CONTROL W/SCI 5000382
PLUG (CR-3371?) J3
PLUG (CR-33763) J6
PLUG (CR-3371B) J4
BLACK
OPTIONAL REED SWITCH (SW-33559)
DUAL-SPADE (CR-3849)
RELAY, DPST (E3038RL) 12V DC COIL
T-STAT #1 (TT-34350)
T-STAT #2 (TT-34350)
TERM. BLOCK (BK-33546)
SENSOR (SN-33541)
UPPER CAVITY
LOWER CAVITY
OVEN CAVITY
53.8' LOW TEMP HEAT CABLE 120V-500W EACH (CB-3044) 28.8OHMS, 4.1AMPS, 500WATTS
GROUND SCREW (SC-2190)
BEEPER (BP-3567)
RED
BLACK
PLUG (CR-34065)
PLUG (CR-34066)
12V DC MEDICAL POWER SUPPLY (BA-34041)
TERMINAL BLOCK (BK-3019)
BLACK
GREEN
WHITE
SWITCH, 20 AMP CIRCUIT BREAKER (SW-33856)
OFF "0" DOWN
WHITE
BLACK
CORDSET (E3029CD) HOSPITAL GRADE NEMA 5-20P
SERIAL COMMUNICATIONS CABLE (CB-33874)

TRANSPORTATION DAMAGE AND CLAIMS

All Enthermics Medical Systems equipment is sold F.O.B. shipping point, and when accepted by the carrier, such shipments become the property of the consignee.

Should damage occur in shipment, it is a matter between the carrier and the consignee. In such cases, the carrier is assumed to be responsible for the safe delivery of the merchandise, unless negligence can be established on the part of the shipper.

1. Make an immediate inspection while the equipment is still in the truck or immediately after it is moved to the receiving area. Do not wait until after the material is moved to a storage area.
2. Do not sign a delivery receipt or a freight bill until you have made a proper count and inspection of all merchandise received.
3. Note all damage to packages directly on the carrier's delivery receipt.
4. Make certain the driver signs this receipt. If he refuses to sign, make a notation of this refusal on the receipt.
5. If the driver refuses to allow inspection, write the following on the delivery receipt:

   Driver refuses to allow inspection of containers for visible damage.
6. Telephone the carrier's office immediately upon finding damage, and request an inspection. Mail a written confirmation of the time, date, and the person called.
7. Save any packages and packing material for further inspection by the carrier.
8. Promptly file a written claim with the carrier and attach copies of all supporting paperwork.

We will continue our policy of assisting our customers in collecting claims which have been properly filed and actively pursued. We cannot, however, file any damage claims for you, assume the responsibility of any claims, or accept deductions in payment for such claims.

ENTHERMICS MEDICAL SYSTEMS LIMITED WARRANTY

Enthermics Medical Systems warrants to the original purchaser that any original part that is found to be defective in material or workmanship will, at our option, subject to provisions hereinafter stated, be replaced with a new or rebuilt part.

The labor warranty remains in effect one (1) year from installation or fifteen (15) months from the shipping date, whichever occurs first.

The parts warranty remains in effect three (3) years from installation or thirty-nine (39) months from the shipping date, whichever occurs first.

This warranty does not apply to:

1. Calibration
2. Equipment damage caused by accident, shipping, improper installation or alteration.
3. Equipment used under conditions of abuse, misuse, carelessness or abnormal conditions including equipment subjected to harsh or inappropriate chemicals including but not limited to compounds containing chloride or quaternary salts, poor water quality, or equipment with missing or altered serial numbers.
4. Any losses or damage resulting from malfunction, including loss of contents or consequential or incidental damages of any kind.
5. Equipment modified in any manner from original model, substitution of parts other than factory authorized parts, removal of any parts including legs, or addition of any parts.
6. Collateral or incidental damage as a direct result of servicing equipment built into a wall structure is not covered under warranty. It is the responsibility of the owner to bear all expense related to structural repairs including, but not limited to, external electrical connections and wiring, and the removal or replacement of caulk, grout, tile, or wall covering of any kind. A service access panel for built-in equipment installations is strongly recommended.

This warranty is exclusive and is in lieu of all other warranties, expressed or implied, including the implied warranties of merchantability and fitness for purpose. In no event shall the Company be liable for loss of use, loss of revenue, or loss of contents or revenue, or for indirect or consequential damages. This warranty is in lieu of all other warranties expressed or implied and Enthermics Medical Systems neither assumes or authorizes any persons to assume for it any other obligation or liability in connection with Enthermics Medical Systems equipment.

Enthermics Medical Systems

Record the model and serial numbers of the unit for easy reference. Always refer to both model and serial numbers in your correspondence regarding the unit.

Model: _____

Serial Number: _____

Purchased From: _____

Date Installed: _____ Voltage: _____

WarmRight® ENTHERMICS Medical Systems

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Menomonee Falls, Wisconsin 53052-0443 • U.S.A.

HALO HEAT®

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